

ABSTRACT OF THE DISCLOSURE

The method of manufacturing a superconducting quantum interference type magnetic fluxmeter including forming an input coil and a pickup coil integrated 5 with the input coil by electrophoretically depositing high-temperature superconducting fine particles on a surface of the first cylindrical ceramic substrate, and sintering the fine particles, forming a high-temperature superconductor magnetic shield tube by 10 electrophoretically depositing high-temperature superconducting fine particles on an entire surface of the second cylindrical ceramic substrate, and sintering the fine particles, magnetically coupling the input coil and the high-temperature superconducting quantum 15 interference type element by placing the pickup coil such that a distal end portion thereof is inserted within a lower end portion of the magnetic shield tube and inserting the high-temperature superconducting quantum interference type element from an upper end 20 portion of the magnetic shield tube.